

ADMINISTRATIVE RECORD INDEX: JOHNS-MANVILLE

The following is an index to the documents which comprise the Administrative Record for the Johns - Manville NPL site in Waukegan, Illinois. This Administrative Record includes all materials referenced in any listed document.

<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>NO. PAGES</u>
Site Safety Plan -	CH2M Hill	7/7/83	Site visit	10 + Photos
Plant Water Balance/Summary	Manville Service Corp	1/84	Plant water use	68 plus Summa
Community Relations Plan -Johns-Manville	---	9/5/84	Guide to conducting Community Relations during RI/FS	20
Supplemental General Conditions and Specs. for Geotechnical & Hydrological Investigation of The Waste Disposal Site Study	Manville Service Corp.	2/6/84	Outline of Work to be done at Site	6
Agenda for Meeting on Jan. 11, 1985 - Review of Soil & Groundwater Sampling Result	---	1/11/85	Agenda of Meeting + List of Guests	1
Schedule of RI + EA Reports	---	---	Time line + Considerations for Item K of RI Report	2
Collection + analysis of Air Samples for the Waukegan Land-fill Ambient Asbestos Monitoring Study-Preliminary Report	Sheridan Park Research Community-submitted to Manville	12/20/84	Air Sample Data	31

<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>NO. PAGES</u>
Quality Control Lab Data	Kumar Malhotra	1/10/85	Data on Soil & Water Samples	14
Technical Support to Region V	Battelle	8/23/83	Air Monitoring Plan	47
Johns-Manville Air Compliance File	Various	Various	Manville's Compliance History: EPA's compliance monitoring report	
Site Summary	---	4/3/84	Description of Site	5
Quality Assurance Manual	Canton Analytical Laboratory	1/84	Description of Quality Control Procedures used	97
Supplement to Quality Assurance Manual	---	10/4/84		12
Work Plan Geotechnical + Hydrogeological Investigations	Kumar Malhotra	7/84 (Rev. 10/84)	Work Plan for Remedial Investigation w/approx. performance schedule	48
Revisions to supplemental General Condition and Specs. for Geotechnical & Hydrogeological Investigation of the Waste Disposal site study	James Whipple Sr. Staff Engineer	6/1/84		4
Comments of Johns-Manville Concerning Proposed NPL	Johns-Manville	2/28/83	Reasons Site should be eliminated from NPL	37 + Attachments
Responses to EPA - Requests for Information	Johns-Manville	4/7/83	Responses to Feb. 7 1983 EPA Request for Info + Supplement (6/20/83)	40 plus Attachments
Waukegan Waste Disposal Site	S. Whipple	17/18/83	Work to be done + costs	15

<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>NO. PAGES</u>
IEPA Water Samples	Don Gimbel, Technical Advisor Enforcement Programs	6/21/83	Water Sample Test Results	5
Technical Memorandum #M-2 Analysis of common inorganic anions in surface and Groundwater and Ambient air quality monitoring for ad and TSP	Kumar Malhotra & Assoc.	9/85	Studies of inorganic anions in surface & groundwater and TSP and lead in ambient air	60
Memo from Gene A. Lucero, Director, Office Waste Programs Enforcement, to Lee Thomas		9/13/83	Authorization to proceed w/Remedial Investigation/Feasibility Study-Action Memorandum	6
Remedial Investigation Report Vol. 1 & 2	Kumar Malhotra	7/85	Detailed report of site characterization studies & endangerment assessment	
Asbestos Waste Management Guidance: Generation, Transport, disposal	EPA	5/85	Guidance on handling asbestos containing waste material	32
On Scene Coordinator's report for the Johns-Manville (7) original sites	OSC, Oil & Hazardous Materials Response Section		Chronological Narrative Summary on EPA Region I Response Operation	200
Sample On Scene Coordinator's Report	Paul Groulx, OSC	4/84	Ridge Avenue Asbestos Site New Hampshire	200
Technical Appendix of Consent Decree for one of Manville Sites in Region I + Proposed Plan for Work in in Hudson, NH Site		6/11/86		40

<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>NO. PAGES</u>
Site Investi- gation and status report asbestos conta- mination Man- ville facility	WEST-SPEN TAT Kevin Pierard	6/10/83	Inspection to deter- mine if emergency exists	8
Draft: Reme- dial Action Master Plan	CH2M Hill	3/10/83	Plan for RI/FS activities	94
Plan for addi- tional moni- toring	-----	-----	Specifications for a new air monitoring study	53
Airborne Asbestos Survey and data	Ecology & Environ- ment	4/28/82	Airborne Asbestos Survey and data	55
Technical Memorandum #M-1: As- bestos Analysis of Water Samples by Electron Microscopy	Kumar Malhotra + assoc.	6/85	Summary of Analysis of Asbestos in water samples	- 27
Preliminary Assessment Form 2070-12	Ecology + Environ- ment, Inc. (Paul D. Shea)	1/25/83	Preliminary Assessment of Johns-Manville site	37
Comment #63	Manville	2/28/83	Letter + Attachments from Schiff, Hardin and Waite (Attorneys for Manville)	107
Memo from George Czerniak, Chief, Engineering Section I, Air Compliance Branch, to Babette Neuberger, Assistant Regional Counsel	----	2/3/84	Comments on draft CERCLA Order and Asbestos NESHAPS	2 with 3 attac ments

<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>NO. OF PAGES</u>
Feasibility Study Comments	Various	3/86	Comments from: Babette Neuberger, Jeff Larson, Rodney Gaither	
Upfreezing Cover Thickness Analysis to 3 feet - Preliminary Estimates	C.L. Vita Golder Assoc.	11/7/86		29
Evaluating Cover Systems for Solid and hazardous Waste	R. J. Lutton U.S. Army Engineer	9/1/80	Manual written for EPA presents procedure for evaluating closure covers for solid and hazardous wastes	57
Illinois Rules and Regulations: Title 35: Environmental Protection Subtitle G: Waste Disposal, Chapter I- Pollution Control Board		8/85	Illinois rules and regulations on waste disposal	251
Waste Management Facilities Design Criteria; Draft	----	----	(Same as Title)	59
Guidance for Preparing an Area of concern Remedial Action Plan	Science Applications International Corp.	7/85	Scope of work + Background material on the Waukegan Area of concern	52
Study of Asbestos: Summary Workshop on Ingested Asbestos	Various	11/83	Summary of Workshop on Asbestos	209
Asbestos Data Reports	EMS Labs, Inc.	6/16/82	Ambient Air Samples	46
Letter from Kumar Maholtra to Rodney Gaither		7/3/85	Summary of Johns- Manville Responses to comments on the Drafts RI Report	8
Application for Court Order authorizing the Entry by Manville into a Consent Order w/U.S. EPA		7/16/84		150
General Correspondence File			Contains-Records of Phone calls; progress describing Manville	

<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>NO. OF PAGE</u>
Freeze Indices for Past 30 Years	Brad Bradley	9/9/86	Compilation of Waukegan, IL Meteorological Data	5
Local Clima- tological data		1982	Narrative Clima- tological Summary	2
Johns Manville Action Sheet	Brad Bradley		Notes on Phone conversations	9
Letter from Marvin Clumpus Greg Vanderlaan		1/8/87	Request for Meeting	2
Copy of Letter from Brad Bradley to Marvin Clumpus		1/26/87	Approval of Revised FS	1
Copy letter From Basil Constantelos to Marvin Clumpus		1/17/87	Special notice of potential liability/ Notice to Natural Resources Trustees	3
Letter from Kurt Neibergall, to Brad Bradley		12/18/86	Document IEPA's position on ARAR's	2
Memo from Kurt Neibergall, IEPA, to Gary Kind, Senior Atty. IEPA		12/9/86	ARAR's under SARA	4
Handwritten Memo from R.W. McGaw to Brad Bradley		12/5/86	Calcs. for Penetration Depth and required cover	13
Letter from Kurt Neibergall, IEPA to Brad Bradley		11/5/86	Comments on Final FS Report	
Site Visit Report Photos	Brad Bradley	11/5/86	Inspection of site on 9/10/86	6+
Reports of Tests	Kumar Malhotra H.H. Holmes Testing Lab	10/21/86	Analysis of Soil	6

<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>NO. PAGES</u>
Memo from Peter Wise, Director Great Lakes National Program Office, to Mary Gade, Deputy Director, Waste Management Division		5/14/87	Comments on Draft Record of Decision Great Lakes National Program Office	2 plus attachments
Letter from Kurt Neibergall, IEPA to Brad Bradley		4/6/87	Comments from Review of Draft ROD	4
Memo from Charles Sutfin, Director Water Division, to Basil Constantelos	---		Draft Clean Water Act Related Language for Manville ROD	15
Summary of Remedial Alternative Selection	----		Remedial Action Alterna- tives considered feasible and evaluated in FS	21 + attachments and Tables
EPA Hdqtrs Comments	Kate Sellers	4/9/87	Comments on Manville Draft ROD	2
Memo from Karl Bremer to William Iner		4/20/87	RCRA Comments on Draft ROD	1
Draft Guide- lines for for Adminis- trative Record		4/30/87	Preparing Administrative Record	15
J-M Remedial Action Considera- tions	Brad Bradley	5/7/87		1
Background Material for Water Division + RCRA Analysis for ROD	Brad Bradley	5/6/87		2

<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>NO. PAGES</u>
Responsiveness Summary:	U.S. EPA	-----	Community Relations Responsiveness Summary	33
Testimony to Remedial Alternative Proposal.	----	-----	Testimony filed by League of Women Voters in Response to FS	
Public Meeting Transcript-Public Comments		2/87	Transcript of Public comments to FS	50
Feasibility Study Report Public Meeting		2/9/87		27
✓ EPA Response to comments from Manville Corp. on EPA's Addendum to Final Feasibility Study + Proposed Cover thickness	Richard McGaw Consultant to EPA	5/7/87		18
Technical Review of Documents	PRC Engineering	4/26/85	Review of RI by PRC Engineering	5
Updated upfreezing cover thickness analysis - using McGaw (EPA) thermal estimates	Golder Assoc.	12/19/86	Updated upfreeze estimates	31
Calculation of Maximum Depth of Frost Penetration for Johns-Manville site	Richard W. McGaw	-----	same as title	---
Correspondence 9/17/86 - present	Brad Bradley	Various	ongoing documentation of correspondence from 9/17/86 to June 30, 1987	---
Memorandum: Calculation of Waste Volume for Manville Site, Waukegan, Illinois	Norm Niedergang	8/12/82	----	----
Letter	Jean I. Larsen Illinois State Geological Survey	4/3/78	Manville Site hydrogeology	2

<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>NO. PAGES</u>
Technical Memo #M-1 Anbertan Analysis of Water Samples by Electron Microscope	Kumar Malhotra	6/85	----	4 plus attachments
Letter	Charles L. Vita	2/4/87	Upfreezing Analysis - Two-layer, 21 inch cover	3
Letter	Brad Bradley	2/2/87	Manville Proposal	1
Proposed riation of Soil Covering with vegetation Remedial Alter- native	Manville Corp.	3/16/87	Manville's Proposal Pursuant to Special Notice Letter	3 plus attachments
Report of Tests	Glenn O. Schumacher, Chemist H.H. Holmer Testing Laboratories, Inc.	10/21/86	Soil Analysis	6
Untitled	Brad Bradley	8/06/86 9/12/86 10/2/86 10/23/86	Summaries of Meetings with John-Manville, <u>et al.</u>	--
Feasibility Study Report	Kumar Malhotra	12/86 (Rev.)		
Addendum to Final FS Report	EPA	1/28/87		9
Appendix to Addendum to final FS report	Richard McGaw	1/87	Prin. & Practice of Design of Soil Cover For Waste Anbertan in Northern Areas with Calculation of Minimum Cover in Open Areas of the John-Manville Asbestos Disposal Site at Waukegan, Illinois	41
Community Relations Plan	CH2M Hill	9/85		
Review of Feasibility Study Report	PRC	3/86	--	11

<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>NO. PAGES</u>
Letter to RPM	Jeff Larson, IEPA		Comments on Draft FS	3
Summary of Seven Asbestos Disposal Sites	Various	----	----	7
U.S. EPA Enforcement Approach to Asbestos Site Cleanup	Deborah S. Dalton U.S. EPA	----	----	5
Letter and Report	C.L. Vita Golder Associates	10/27/86	Upfreezing Cover thickness Analysis	19
Untitled	Golder Associates	10/20/86	Freeze Index Data	Approx. 150
Letter to Rodney Gaitner	PRC	7/29/85	Comments on Final R.I.	3
Memorandum to Rodney Gaitner	Elizabeth A. Dutrow U.S. EPA	9/25/85	Comments on Final R.I.	7
Letter to Rodney Gaitner	PRC Engineering	10/7/85	Comments on "Technical Memorandum #M-2	3
Review of FS Report	PRC	3/86	Comments on FS	11
Press Release	EPA	7/16/84	Extension of Public Comment Period on Consent Order	2
Memorandum	Charles H. Sutfin	5/28/87	Comments on Draft ROD	4
Asbestosis	Henry A. Andersen	Unknown	----	13
Among Household Contacts Of Asbestos Factory Workers	Ruth Lilis Susan M. Daum Irwing J. Selikoff			

<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>NO. PAGES</u>
Asbestos Risk Among Full- Time Workers In An Electricity - Generating Power Station	A. Hirsch L. DiMenza A. Carre A. Harf S. Perdrizet J. Cooreman J. Bigmon	Unknown	----	9
Epidemiology Diffuse Mesothelial Tumors	J.C. Wagner	Unknown	----	15
Asbestos Disease In Maintenance Workers of the Chemical Industry	Ruth Lilis Susan Daum Henry Anderson Marc Sirota Gay Andrews Irwing J. Selikoff	Unknown	----	9
Pleural Plaques and Asbestos	Raimo Kiviluoto	Unknown	----	11
Asbestos Letter	EPA Kumar Malhotra	7/82 7/3/85	General Information on Asbestos Response to EPA Comments on Draft RI	38 8
Untitled	Golder Associates	4/10/87	Upfreezing Cover Thickness Analysis	68
Untitled	Golder Associates	4/8/87	Updated Upfreezing Cover Thickness Analysis	32
Memo and Charts	Mike Debish	11/7/84	Wind Speed/Direction Charts from Air Survey	11
Untitled	U.S. EPA	----	Hazard Ranking Analysis and Score	
Implementation of RI/FS Consent Order	Johns-Manville	Various	Progress Reports	

<u>TITLE</u>	<u>AUTHOR</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>NO. PAGES</u>
Letter	Tom Gockel	7/30/87	Public Comments on RI/FS Consent Order	1
Letter	Barbara Magel U.S. EPA	8/1/84	Response to Comments	1
Letter	J. William Baker Lake County Economic Development Commission	7/26/84	Public Comment	2
Letter	Barbara Magel U.S. EPA	8/1/84	Response to Comment	1
Administrative Order by Consent	----	6/14/84	Consent Order issued by U.S. EPA	27 plus Attachment
Index of Administrative Record	U.S. EPA	6/30/87	Summary Index of Documents comprising Administrative Record	12
ROD Checklist	-----	6/9/87	Same as title	4
Twenty Lessons about Asbestos -EPA Times	Irwing J. Selikoff	5/84	Same as title	4
Toxic Informa- on series - Asbestos	Office of Pesticides and Toxic Substances	1980	Health Information on Asbestos	3